

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3614	cholester\$4 with (liquid adj crystal)	USPAT	OR	ON	2004/05/13 09:06
S2	396	(cholester\$4 with (liquid adj crystal)) same (circular\$3 with polariz\$5)	USPAT	OR	ON	2004/05/13 09:12
S3	7	"369"/\$7.ccls. and ((cholester\$4 with (liquid adj crystal)) same (circular\$3 with polariz\$5))	USPAT	OR	ON	2004/05/13 10:16
S4	8	(cholester\$4 with (liquid adj crystal)) same (circular\$3 with polariz\$5) same (diffract\$3 grating)	USPAT	OR	ON	2004/05/13 09:39
S5	31	(cholester\$4 with (liquid adj crystal)) with (diffract\$3 grating)	USPAT	OR	ON	2004/05/13 10:01
S6	1	((cholester\$4 with (liquid adj crystal)) with (diffract\$3 grating)) and "369"/\$7.ccls.	USPAT	OR	ON	2004/05/13 09:40
S7	5	((cholester\$4 with (liquid adj crystal)) with (diffract\$3 grating)) same (circular\$2 near2 polariz\$5)	USPAT	OR	ON	2004/05/13 10:01
S8	7	"369"/\$7.ccls. and ((cholester\$4 with ((liquid adj crystal) birefringen\$2)) same (circular\$3 with polariz\$5))	USPAT	OR	ON	2004/05/13 10:17
S9	17	"369"/\$7.ccls. and ((enhanc\$5 improv\$5 better\$3 efficien\$4) with (circular\$3 with polariz\$5))	USPAT	OR	ON	2004/05/13 10:37
S10	141	369/112.02.ccls.	USPAT	OR	ON	2004/05/13 10:45
S11	73	369/112.02.ccls. and (liquid adj crystal)	USPAT	OR	ON	2004/05/13 10:37
S12	73	369/112.02.ccls. and ((liquid adj crystal) cholesteric)	USPAT	OR	ON	2004/05/13 10:38
S14	2	369/112.02.ccls. and ((liquid adj crystal) with cholesteric)	USPAT	OR	ON	2004/05/13 11:27
S15	30	369/112.02.ccls. and (circular\$2 near2 polariz\$5)	USPAT	OR	ON	2004/05/13 10:45
S16	44	369/112.08.ccls.	USPAT	OR	ON	2004/05/13 11:29
S17	42	369/112.03.ccls.	USPAT	OR	ON	2004/05/13 11:29
S18	0	369/112.03.ccls. and 369/112.02.ccls.	USPAT	OR	ON	2004/05/13 11:29
S19	22	"369"/\$7.ccls. and ((grating diffraction) with (polarization near2 dependen\$2))	USPAT	OR	ON	2004/05/13 09:05
S20	919	"369"/\$7.ccls. and (liquid\$1crystal (liquid adj crystal)).	USPAT	OR	ON	2004/05/11 17:59

S21	76	"369"/\$7.ccls. and ((liquid\$1crystal (liquid adj crystal)) same (diffract\$3 grating))	USPAT	OR	ON	2004/05/11 18:00
S22	42	"369"/\$7.ccls. and ((liquid\$1crystal (liquid adj crystal)) with (diffract\$3 grating))	USPAT	OR	ON	2004/05/12 13:02
S23	5937	tetsuo.in.	USPAT	OR	ON	2004/05/11 18:04
S24	0	tetsuo-hosomi.in.	USPAT	OR	ON	2004/05/11 18:04
S25	0	hosomi-tetsuo.in.	USPAT	OR	ON	2004/05/11 18:04
S26	4267	tetsuo.in. and matsushita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:04
S27	0	tetsuo-hosomi.in. and matsushita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:05
S28	2	"10083560".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:13
S29	66	nagashima-kanji.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:13
S30	135	nagashima-kenji.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:14
S31	28	nagashima-kenji.in. and matsushita.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:14
S32	3	nagashima-kenji.in. and matsushita.as. and (liquid adj crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/05/11 18:14
S33	3	"369"/\$7.ccls. and ((liquid\$1crystal (liquid adj crystal)) with (diffract\$3 grating)) and (polarization near4 dependen\$4)	USPAT	OR	ON	2004/05/11 18:34

S34	6	"369"/\$7.ccls. and ((liquid\$1crystal (liquid adj crystal)) with (diffract\$3 grating)) and (grating with blaz\$3)	USPAT	OR	ON	2004/05/12 09:52
S35	424	hendriks.in.	US-PGPUB	OR	ON	2004/05/12 09:18
S36	14	hendriks.in. and birefringen\$2	US-PGPUB	OR	ON	2004/05/12 09:18
S37	1	"369"/\$7.ccls. and ((liquid\$1crystal (liquid adj crystal)) with (diffract\$3 grating) with cholesteric)	USPAT	OR	ON	2004/05/12 17:17
S38	2	"369"/\$7.ccls. and ((liquid\$1crystal (liquid adj crystal)) with (diffract\$3 grating)) and cholesteric	USPAT	OR	ON	2004/05/12 09:53
S39	8	("5748603"   "5787061"   "5798994"   "5877876"   "6172792"   "6201589"   "6304312"   "6370093").PN.	USPAT	OR	ON	2004/05/12 10:43
S40	11	"369"/\$7.ccls. and ((liquid\$1crystal (liquid adj crystal) birefringent) with (diffract\$3 grating)) and (grating with blaz\$3)	USPAT	OR	ON	2004/05/12 12:35
S41	169	"369"/\$7.ccls. and ((polarizer (polariz\$5 near2 (means device chang\$3))) same (diffract\$3 grating))	USPAT	OR	ON	2004/05/12 13:05
S42	384	"369"/\$7.ccls. and ((polarizer (wave adj plate) (polariz\$5 near2 (means device chang\$3))) same (diffract\$3 grating))	USPAT	OR	ON	2004/05/12 13:05
S43	36	("3999009"   "4441179"   "4450553"   "4637697"   "4731772"   "4733065"   "4733943"   "4757197"   "4758062"   "4876680"   "4929823"   "4945529"   "4986641"   "5017000"   "5056908"   "5062098"   "5073007"   "5111448"   "5116111"   "5122903"   "5129718"   "5134604"   "5161040"   "5175651"   "5177349"   "5202875"   "5218471"   "5227915"   "5229797"   "5243590"   "5245596"   "5251198"   "5278816"   "5303224"   "5344447"   "5442480").PN.	USPAT	OR	ON	2004/05/12 14:25
S44	4	lino\$1 with (birefringen\$3 crystal)	USPAT	OR	ON	2004/05/12 16:09
S45	30	("lino.sub.3" lino3) with (birefringen\$3 crystal)	USPAT	OR	ON	2004/05/12 16:10

S46	2	("lino.sub.3" lino3) with (birefringen\$3 (liquid adj crystal))	USPAT	OR	ON	2004/05/12 16:10
S47	2242	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal))	USPAT	OR	ON	2004/05/12 17:18
S48	665	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal) with cur\$4)	USPAT	OR	ON	2004/05/12 17:25
S49	6	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal) with cur\$4) and "369"/\$7. ccls.	USPAT	OR	ON	2004/05/12 17:19
S50	15	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal) with cur\$4 with (benefit\$3 improv\$4 enhanc\$3 better\$3 \$2expensive cheap\$3 easier))	USPAT	OR	ON	2004/05/12 17:30
S51	1	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal) with cur\$4 with (benefit\$3 improv\$4 enhanc\$3 better\$3 \$2expensive cheap\$3 easier)) and ((grating diffract\$3) with (birefringen\$2 (liquid adj crystal lc\$1)))	USPAT	OR	ON	2004/05/12 17:29
S52	42	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal) with cur\$4) and ((grating diffract\$3) with (birefringen\$2 (liquid adj crystal lc\$1)))	USPAT	OR	ON	2004/05/12 17:29
S53	1	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal) with cur\$4 with (benefit\$3 improv\$4 enhanc\$3 better\$3 \$2expensive cheap\$3 easier prefer\$5)) and ((grating diffract\$3) with (birefringen\$2 (liquid adj crystal lc\$1)))	USPAT	OR	ON	2004/05/12 17:29
S54	36	((((ultra adj violet) uv u-v ultra\$1violet) with (liquid adj crystal) with cur\$4 with (benefit\$3 improv\$4 enhanc\$3 better\$3 \$2expensive cheap\$3 easier prefer\$4))	USPAT	OR	ON	2004/05/12 17:44
S55	38	((((ultra adj violet) uv u-v ultra\$1violet acrylic) with ((liquid adj crystal) birefringen\$2) with cur\$4 with (benefit\$3 improv\$4 enhanc\$3 better\$3 \$2expensive cheap\$3 easier prefer\$4))	USPAT	OR	ON	2004/05/12 17:32

S56	18	(((((ultra adj violet) uv u-v ultra\$1violet acrylic) with ((liquid adj crystal) birefringen\$2) with cur\$4 with (benefit\$3 improv\$4 enhanc\$3 better\$3 \$2expensive cheap\$3 easier prefer\$4))) and (acrylic with ((liquid adj crystal) birefringen\$2))	USPAT	OR	ON	2004/05/12 17:33
S57	0	(((((ultra adj violet) uv u-v ultra\$1violet acrylic) with ((liquid adj crystal) birefringen\$2) with cur\$4 with (benefit\$3 improv\$4 enhanc\$3 better\$3 \$2expensive cheap\$3 easier prefer\$4))) and (acrylic with ((liquid adj crystal) birefringen\$2)) and ((grating diffract\$3) with ((liquid adj crystal) birefringen\$2))	USPAT	OR	ON	2004/05/12 17:35
S58	45	(acrylic with ((liquid adj crystal) birefringen\$2)) and ((grating diffract\$3) with ((liquid adj crystal) birefringen\$2))	USPAT	OR	ON	2004/05/12 17:35
S59	3	(acrylic with ((liquid adj crystal) birefringen\$2)) and ((grating diffract\$3) with ((liquid adj crystal) birefringen\$2)) and "369"/\$7.ccls.	USPAT	OR	ON	2004/05/12 17:35
S60	3312	((((ultra adj violet) uv u-v ultra\$1violet) with (photo\$1lithography photo\$1polymerization))	USPAT	OR	ON	2004/05/12 17:44
S61	833	((((ultra adj violet) uv u-v ultra\$1violet) with (photo\$1lithography photo\$1polymerization) with cur\$4)	USPAT	OR	ON	2004/05/12 17:45
S62	25	((((ultra adj violet) uv u-v ultra\$1violet) with (photo\$1lithography photo\$1polymerization) with cur\$4) same (birefringen\$2 (liquid adj crystal))	USPAT	OR	ON	2004/05/12 17:45
S63	1	(((((ultra adj violet) uv u-v ultra\$1violet) with (photo\$1lithography photo\$1polymerization) with cur\$4) same (birefringen\$2 (liquid adj crystal)))) and "369"/\$7.ccls.	USPAT	OR	ON	2004/05/12 17:46
S64	62	((((ultra adj violet) uv u-v ultra\$1violet) with (photo\$1lithography photo\$1polymerization) with cur\$4) and "369"/\$7.ccls.	USPAT	OR	ON	2004/05/12 17:47

S65	0	((ultra adj violet) uv u-v ultra\$1violet) with (photo\$1lithography photo\$1polymerization) with cur\$4) and "369"/\$7.ccls. and ((grating diffract\$4) with (birefringen\$2 (liquid adj crystal)))	USPAT	OR	ON	2004/05/12 17:48
S66	8	((ultra adj violet) uv u-v ultra\$1violet) with (photo\$1lithography photo\$1polymerization) with cur\$4) and ((grating diffract\$4) with (birefringen\$2 (liquid adj crystal)))	USPAT	OR	ON	2004/05/12 17:48
S67	19	("720"/\$7 "369"/\$7).ccls. and ((phase adj modulatt\$4) with (hoe hologra\$4))	USPAT	OR	ON	2004/12/15 09:15
S68	390	("720"/\$7 "369"/\$7).ccls. and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar\$7))	USPAT	OR	ON	2004/12/15 09:18
S69	49	("720"/\$7 "369"/\$7).ccls. and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar\$7)) and ((blaz\$3 saw\$1tooth (saw adj tooth) step\$5) near3 (grating hoe hologra\$4))	USPAT	OR	ON	2004/12/15 09:50
S70	1	"6052353".pn.	USPAT	OR	ON	2004/12/15 09:48
S71	6	("720"/\$7 "369"/\$7).ccls. and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra\$4)) and ((blaz\$3 saw\$1tooth (saw adj tooth) step\$5) near3 (grating hoe hologra\$4)) and ((polarizer polarizer ((polarizing polarization) near2 (device means mechanism lens plate)) ((chang\$3 adjust\$5 rotat\$3) near4 ((orientation direction) near3 polarization))) with (selectively (as adj needed) according\$2 based dependen\$2 (on near3 off) ((cd\$4 near2 dvd\$4) ((disc disk medium carrier) near3 (thick\$4 type))))	USPAT	OR	ON	2004/12/15 14:29

S72	11	("720"/\$7 "369"/\$7).ccls. and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra\$4) with polar\$7) and ((polarizer polarizer ((polarizing polarization) near2 (device means mechanism lens plate)) ((chang\$3 adjust\$5 rotat\$3) near4 ((orientation direction) near3 polarization))) with (selectively (as adj needed) according\$2 based dependen\$2 (on near3 off) ((cd\$4 near2 dvd\$4) ((disc disk medium carrier) near3 (thick\$4 type))))))	USPAT	OR	ON	2004/12/15 10:32
S73	58	("720"/\$7 "369"/\$7).ccls. and ((polarizer ((polarization polarizing) near2 (device means mechanism lens plate))) with (((mov\$3 adj2 (in\$2 near2 out)) (on near2 off) (appl\$7 near3 voltage) electrode (selective\$2 near2 (polariz\$5 chang\$3 adjust\$4))))	USPAT	OR	ON	2004/12/15 10:41
S74	58	("720"/\$7 "369"/\$7).ccls. and ((polarizer ((polarization polarizing) near2 (device means mechanism lens plate))) with (((mov\$3 displac\$3 dispos\$3 actuat\$3) adj2 (in\$2 near2 out)) (on near2 off) (appl\$7 near3 voltage) electrode (selective\$2 near2 (polariz\$5 chang\$3 adjust\$4))))	USPAT	OR	ON	2004/12/15 13:33
S75	3	S74 and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra\$4))	USPAT	OR	ON	2004/12/15 10:44
S76	4	S74 and ((birefringen\$2 cholesteric (doubl\$2 near2 refract\$3) (lithium adj niobate) (liquid adj crystal)) with (grating hoe hologra\$4))	USPAT	OR	ON	2004/12/15 10:44
S77	4	("5446565"   "5495461"   "5594713"   "5638353").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 10:51

S78	63	("720"/\$7 "369"/\$7).ccls. and ((polarizer ((polarization polarizing) near2 (device means mechanism lens plate))) with (((mov\$3 displac\$3 dispos\$3 actuat\$3) adj2 (in\$2 near2 out)) (on near2 off) (appl\$7 near3 voltage) electrode (selective\$2 near3 (polariz\$5 ((chang\$3 adjust\$4 rotat\$3) near3 (direction orientation))))))	USPAT	OR	ON	2004/12/15 13:34
S79	36	("720"/\$7 "369"/\$7).ccls. and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar\$7 near3 (based depend\$4)))	USPAT	OR	ON	2004/12/15 14:31
S80	64	("720"/\$7 "369"/\$7).ccls. and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar\$7 near3 (based depend\$4 select\$5)))	USPAT	OR	ON	2004/12/15 14:31
S81	23	("720"/\$7 "369"/\$7).ccls. and ((birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)) with (polar\$7 near3 (based depend\$4 select\$5))) and (diffract\$3 adj grating)	USPAT	OR	ON	2004/12/15 14:32
S82	3	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) with (polar\$7 near3 (select\$5 depend\$5 based))) same (birefringen\$2 cholesteric (lithium adj niobate) (liquid adj crystal)))	USPAT	OR	ON	2004/12/15 17:03
S83	14	("5745465"   "5757742"   "5802029"   "5909416"   "5912868"   "5914926"   "5917798"   "5923626"   "5930219"   "5936920"   "5974020"   "6049518"   "6078554"   "6088317").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/15 16:23
S84	7	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) with (polar\$7 near3 (select\$5 depend\$5 based))) with efficien\$2)	USPAT	OR	ON	2004/12/15 17:04
S85	0	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) with (polar\$7 near3 (select\$5 depend\$5 based))) with (efficien\$2 near3 (increas\$3 better improv\$5 enhanc\$5)))	USPAT	OR	ON	2004/12/15 17:05



S86	0	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) with (polar\$7 near3 (select\$5 depend\$5 based)))) same (efficien\$2 near3 (increas\$3 better improv\$5 enhanc\$5)))	USPAT	OR	ON	2004/12/15 17:07
S87	2	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) hologra\$4 hoe) with (polar\$7 near3 (select\$5 depend\$5 based)))) same (efficien\$2 near3 (increas\$3 better improv\$5 enhanc\$5)))	USPAT	OR	ON	2004/12/15 17:07
S88	3	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) near4 polar\$7) same (efficien\$2 near3 (increas\$3 better improv\$5 enhanc\$5)))	USPAT	OR	ON	2004/12/15 17:10
S89	2	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) hologra\$4 hoe) with (polar\$7 near3 (select\$5 depend\$5 based)))) with (efficien\$2 near3 (increas\$3 better improv\$5 enhanc\$5)))	USPAT	OR	ON	2004/12/15 17:07
S90	2	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) hologra\$4 hoe) with (polar\$7 near3 (select\$5 depend\$5 based)))) with (efficien\$2 near3 (increas\$3 better improv\$5 enhanc\$5 more)))	USPAT	OR	ON	2004/12/15 17:08
S91	0	("369"/\$7 "720"/\$7).ccls. and (((diffraction adj grating) with (polar\$7 near3 (select\$5 depend\$5 based)))) same (efficien\$2 near3 (increas\$3 better improv\$5 enhanc\$5 more)))	USPAT	OR	ON	2004/12/15 17:07